

the individuals here procured were "only half the size of the Irish specimens." Sowerby's 'Malac. and Conch. Mag.' No. 2. p. 43.

"*Cyprina minima*. M. Malbay, rare." W. H. Harvey. Bantry Bay. Mr. J. Humphreys.

Pisidium obtusale, Pfeif. ? Jenyns, I have collected in a few localities in the north-east of Ireland.

——— *cinereum*, Alder. As last. La Bergerie, Queen's county, Rev. B. J. Clarke.

"*Teredo bipennata*. From the mast of a vessel cast ashore at Youghal." R. Ball. M. Malbay, W. H. Harvey.

"*Xylophaga dorsalis*. In rotten wood at Ringsend, Dublin." W. H. Harvey*.

Montacuta purpurea. *Mya purpurea*, Mont. Abundant on the north-east coast. It was this species and not *Kellia rubra* that was found in the stomach of mullet as noticed in 'Annals Nat. Hist.' vol. i. p. 354. *K. rubra* also occurs on the Irish shores.

Pandora obtusa, Leach, Lam. Penn. 'Brit. Zool.' vol. iv. pl. 64. (three lowest figures) ed. 1777 : same work, ed. 1812. *Solen pinna*, vol. iv. p. 175. pl. 67. f. 3. Dredged off Carrickfergus Sept. 1835, Mr. Hyndman ; subsequently by Mr. H. and myself in Strangford lough.

[To be continued.]

IV.—*Nonnullorum Cerambyciturum novorum, Novam Hollandiam et Insulam Van Diemen habitantium characteres.* By EDWARD NEWMAN, F.L.S., &c.†

GENUS. *SCELROCANTHA*, Newman.

Prioni facies : prothorax utrinque spina recurva laterali armatus ; pone spinam excavatione semicirculari incisus, postice bisinuatus : tibiæ sulcatæ, carinatæ, extus spinosæ.

* *Pholas papyraceus*, Solander. Turt. Brit. Biv. Mr. Harvey has shown me a specimen which he found in 1826 in a fishing-boat in Dublin Bay ; but as Torbay boats occasionally visit this place, and in one of them it may possibly have occurred, the species cannot be announced as Irish.

† At the particular request of Mr. Davis, now settled at Adelaide, in South Australia, I have written characters for some of the fine Coleoptera which he has sent to this country : that portion of the list containing the Longicorns being ready, I have added a few more descriptions from specimens in the collection of Mr. Children, to which he has most obligingly allowed

Sp. 1. *S. glabricollis*. Piceus, prothorax glaberrimus: elytra profunde puncta, punctis humeralibus rarioribus, discoidalibus majoribus, apicalibus crebrioribus. Corp. long. 1·5 unc., lat. ·66 unc.

Exemp. unic. in Mus. D. Children.

Habitat. Insula Van Diemen.

Sp. 2. *S. pilosicollis*.

Prionus pilosicollis, *Hope, Trans. Ent. Soc.* tom. i. p. 16.

Exemp. unic. in Mus. Soc. Ent.

“Habitat. Nova Hollandia apud Swan River.”

Genus. TOXEUTES, *Newman*.

Malldonis fere facies: prothorax utrinque spinis recurvis, lateralibus, acutissimis armatus; spina antica ad marginem anticum sita, valde arcuata; spina 2^{da} mediana minus arcuata: tibiæ inermes.

Sp. 1. *T. arcuatus*.

Prionus arcuatus, *Fabricius, Syst. Eleu.* tom. ii. p. 259.

Exemp. In Mus. Brit., &c.

Habitat. Insula Van Diemen.

Genus. MALLODON, *Serville*.

Sp. *M. stigmatum*. Piceum: prothorax parallelipipedus, marginibus lateralibus crenatis, angulis posticis acutis, disco minutissime puncto, obscuro, spatiis 2 glabris fere trigonis exceptis: elytra rugosa: abdominis segmenta stigmatate magno utrinque impressa. Corp. long. 1·5 unc., lat. ·6 unc.

Exemp. unic. in Mus. D. Children.

Habitat. Nova Hollandia.

Genus. DORX, *Newman*.

Dorci facies: caput porrectum, medio longitudinaliter sulcatum, mandibulæ validæ, extus et intus arcuatæ, apice bidentatæ, intus inermes: labi- et maxipalpi elongati, longitudine fere æquales, articulo apicali incrassato; antennæ corporis dimidio longiores, 11-articulatæ, articulus 2^{us} brevissimus, ceteri subæquales, compressæ oculos haud attingentes: prothorax longitudine paullo latior; margo anticus postico latior; margines laterales paullo sinuatæ; elytra linearia, prothorace paullo angustiora, disco convexo, apice rotundata: tibiæ angulares, pedetentim incrassatæ, apice spinis 2 acutis, halteribus 2 obtusis armatæ: tarsi manifesto 5-articulati: articulus 4^{us} brevis at satis notabilis.

me free access, and from some others in the British Museum. These hasty notes will, I trust, not merely serve to secure me priority in nomenclature, but will, on account of the extreme singularity of some of the forms described, afford considerable interest to our scientific entomologists.

Sp. *Doræ pentamera*. Nigra: elytris punctis, spina apicali suturali brevissima armatis: pedes picei. Corp. long. 1·4 unc., lat. ·5 unc.

Exemp. unic. in Mus. D. Children.

Habitat. Nova Hollandia.

Genus. PITHANOTES, *Newman*.

Prioni facies: Caput porrectum: mandibulæ validæ, extus arcuatæ, intus dentibus duobus minutis armatis, apice acutissimæ: labi- et maxipalpi breves articulo apicali cylindrico: antennæ corporis dimidio longiores, 11-articulatæ, articulus 2^{us} brevis, 3^{us} 4^{um} cum 5^o longitudine æquans: prothorax brevis, angulis rectangulis, utrinque spina acuta mediana laterali armatus: tibiæ fere *præcedentis*.

Sp. *Pith. falsus*. Niger: prothorax tuberibus nonnullis, quarum 4 seriem transversam constituunt, armatus: elytra ad humeros verrucosa, apicibus rotundatis, spina nulla suturali armata. (Corp. long. 1·25 unc., lat. ·55 unc.)

Exemp. unic. in Mus. D. Children.

Habitat. Nova Hollandia.

Genus. BRACHYTRIA, *Newman*.

Caput in prothorace receptum: oculi fere reniformes: mandibulæ et palpi brevissima: antennæ dimidio corporis longiores, 11-articulatæ; articulus 1^{us} latitudine duplo longior, curvatus; 2^{us} 3^{us} et 4^{us} brevissimi; cæteri longitudine subæquales, vix elongati: prothorax capite latior, subglobosus, angulis posticis late excavatus: scutellum elongatum, apice rotundatum: elytra prothorace latiora, fere parallela, dorso complanata, apice rotundata, inermia: pedes breves, femoribus pedetentim tumentibus.

Sp. *B. gulosa*. Fusca; facie, gula, capitis parte postica, prosterni parte antica croceis: elytrorum margo costalis, macula mediana albida signatus: caput rugose punctatum: prothorax rugosus punctis magnis confluentibus impressus: elytra 3-carinata, utriusque carinæ duæ distinctæ fere ad apicem desinens, 3^{ia} subsuturalis indistincta longe ante apicem desinens. Corp. long. ·7 unc., lat. ·175 unc.

Exemp. 1. in Mus. Brit. ex dono Rev. Augusti Beaufort.

Habitat. Insula Van Diemen.

Genus. NECYDALIS, *Linnaeus*.

Caput exsertum: antennarum articulus 4^{us} sequentibus manifesto brevior: femora apice pedetentim tumida, metatarsi manifesto dilatati.

Sp. *N. auricomus*. Niger; capite croceo, antennis oculisque nigris; prothorax nigerrimus, opacus: elytra semipellucida, pallida, apicibus ni-

gricantibus : pectus et abdomen lanugine aurea vestita. (Corp. long. .4 unc., lat. .075 unc.)

Exemp. 1. in Mus. D. Turner.

Habitat. Nova Hollandia. "Exemp. unic. prope Adelaide lectum tantum vidi." A. H. Davis.

Genus. *HESTHESIS*, Newman.

Caput pronum, in prothorace ad oculos reconditum : antennæ *maris* corpore longiores 12-articulatæ, *feminæ* corpore breviores 11-articulatæ apice paullo crassiores, articulus 4^{us} 5° et sequentibus vix brevior : prothorax valde convexus capite manifesto latior vix longior lateribus medio vix productis : elytra abbreviata, quadrata : corpus obesum lanuginosum : pedes compressi, femoribus vix tumidis ; protarsi paullo dilatati meso- et metatarsi nullomodo dilatati.

Sp. 1. *H. variegatus*.

Molorchus variegatus, *Fab. Syst. Eleu.* tom. ii. p. 375.

Exemp. in Mus. Ent. Club.

Habitat. Nova Hollandia.

Sp. 2. *H. ferrugineus*.

Molorchus ferrugineus, MacLeay — ? *Boisduval, Faune de l'Océanie*, p. 487.

Exemp. in Mus. Ent. Club.

Habitat. Nova Hollandia.

Sp. 3. *H. cingulatus*.

Molorchus cingulatus, *Kirby, Trans. Linn. Soc.* vol. xii. p. 470.

Exemp. in Mus. Ent. Club.

Habitat. Nova Hollandia.

Sp. 4. *H. bizonatus*. Abdominis zonulæ 2 ; prothoracis margo anticus tenuis flavus ; antennæ basi graciles ferruginæ ; apice crassiores fuscæ : pedes ferruginei, femoribus apice nigris profemora fere tota nigra. Corp. long. .7 unc., lat. .175.

Exemp. 1. in Mus. Soc. Zool. Lon.

Habitat. Nova Hollandia.

Genus. *HELIOMANES*, Newman.

Caput pronum vix exsertum ; antennarum gracilium articulus 4^{us} sequentibus haud manifesto brevior ; elytra oblonga apice rotundata : corpus gracile : femora apice repente et manifesto tumida ; tarsi mediocres simplices.

Sp. 1. *H. Sidus*. Fuscus ; antennæ corpore breviores : prothorax elongatus medio longitudinaliter impressus, utrinque pone medium dente laterali armatus : elytra extus curvata, fusca, fasciis albidis undulatis duobus. (Corp. long. .3 unc., lat. .075 unc.)

In Mus. D. Children et D. Hope.

Habitat. Nova Hollandia.

Genus. CALLIDIUM, Fabricius.

Sp. *C. Faber*. Fuscum, nitidum: elytra puncta, utriusque discus macula magna testacea signatus: femora pallida, tumida: tibiæ tarsique suturatiore. Corp. long. .325 unc., lat. .1 unc.

Exemp. 2. in Mus. D. Turner.

Habitat. Nova Hollandia. "Exemp. 2, prope Adelaide lecta." A. H. Davis.

Genus. COPTOMMA, Newman.

Caput in prothorace fere ad oculos reconditum, porrectum, prothorace angustius; oculi arcuati, medio ad antennarum basin profunde emarginati, fere divisi: antennæ glabræ, *maris* valde, *femina* vix corpore longiores, 11-articulatæ, articuli e quarto compressi: elytra basi prothorace latiora apice angustiora, rotundata, inermia, *femina* haud abdomen tegentia: femora pedetentim tumida inermia.

Sp. 1. *C. virgatum*. Atrum, fulgore chalybeo nitens: antennarum apicibus albidis: caput albido 4 lineatum; lineæ 2 verticis inter antennas desinunt, 2 laterales oculos secant et in faciem adjunguntur: prothorax albido 4 lineatus, lineæ lineis capitis continuæ: elytrorum lanugo lutea maculam basalem obliquam, alteram medianam transversam, multasque minores irroratas format: metafemora macula mediana albida signata. (Corp. long. .8 unc., lat. .3 unc.)

Exemp. 2. in Mus. D. Children.

Habitat. Nova Hollandia.

Sp. 2. *C. textorium*. Testaceum, fulgore chalybeo nitens; lineis 2 capiti, prothoraci, elytrisque communibus albidis: lineæ elytrorum medio longitudinaliter hiantes. (Corp. long. .6 unc., lat. .2 unc.)

Exemp. 1. in Mus. D. Children.

Habitat. Nova Hollandia.

Genus. ISCHNOTES, Newman.

Caput pronum in prothorace ad oculos reconditum; oculi magni, sphaeroides, vix emarginati; antennæ prothorace duplo longiores, filiformes, 11-articulatæ; articulus 1^{us} tumidus, 2 minimus, sequentes graciles elongati: prothorax absolute cylindræus, capite quintuplo longior, ad marginem posticum pedes brevissimos ferens: elytra linearia, prothorace vix latiora at manifesto longiora, apice rotundata inermia: pedes simplices.

Sp. *I. cylindræus*. Nigra, opaca: inter oculos linea longitudinalis vix elevata: prothorax subtilissime punctus, sed ad marginem posticum serie transversali punctorum profundorum impressus: elytra profunde puncta: pedes brevissimi. (Corp. long. .525 unc., lat. .05 unc.)

Exemp. 1. in Mus. D. Turner.

Habitat. Nova Hollandia. "Exemp. 1. prope Adelaide lectum." A. H. Davis.

Genus. XYSTROCERA, Serville.

Sp. *X. virescens*. Fusca, splendore virescenti læta: prothorax et elytra puncta, punctis plus minusve confluentibus: elytra 3-lineata, lineis haud prominentibus, apice rotundata. (Corp. long. 1·2 unc., lat. ·3 unc.)

Exemp. 1. in Mus. Brit. D. Hardwicke legato.

Habitat. Nova Hollandia.

Genus. PHORACANTHA, Newman.

Hujus generis species sub genere "*Stenocorus*" celeberrimi Geoffroyi collocant MacLeay, Hope et Boisduval: autem *Stenocorus* cum genere "*Rhagium*" distincte est synonymus, scilicet Sp. 1. *Ste. bifasciatus* *Rhagium bifasciatum* certe est: iterumque Sp. 2. *Ste. Inquisitor* *Rha. Inquisitor* sine dubio. Audinet Serville (nisi sub nomine "*Mallocera*" insectorum Americæ Meridionalis genus) species haud collocat. Generis typus *Cerambyx semipunctatus* Donovan. Antennarum articuli plus minusve apice-1 spinosi: prothorax utrinque medio 1-spinosus, spina plus minusve prominens: elytra apice truncata plus minusve bispinosa: descriptionem fusiorem haud requirat genus percognitum. Novam Hollandiam species omnes incolant.

Sp. 1. *P. Synonyma*.

Stenocorus punctatus. Kirby 'Transactions of the Linnæan Society,' xii. 471. "Antennæ breviores rufo-piceæ articulis 5 intermediis, extus apice spina armatus, &c."

Sp. 2. *P. tricuspis*, ined.*

Sp. 3. *P. quinaria*, ined.

Sp. 4. *P. punctata*.

Stenocorus punctatus, Donovan, 'Epitome of the Insects of New Holland.'

Sp. 5. *P. obscura*.

Stenocorus obscurus, Donovan, Id.

Sp. 6. *P. semipunctata*.

Stenocorus semipunctatus, Oliv. 69, tab. ii. fig. 19.

Stenocorus semipunctatus, Fab. Syst. Eleu. ii. 306.

Stenocorus semipunctatus, Donovan, Epitome, &c.

Sp. 7. *P. curvispina*, ined.

Sp. 8. *P. rubripes*.

Stenochorus rubripes, Boisduval, 'Faune de l'Océanie,' p. 477.

Sp. 9. *P. dorsalis*.

Stenochorus dorsalis, MacLeay, 'Appendix to King's Voyage,' ii, 451.

Sp. 10. *P. aberrans*, ined.

Sp. 11. *P. ventralis*, ined.

Sp. 12. *P. biguttata*.

Stenocorus biguttatus, Donovan. ——— tessellatus, Latreille.

Sp. 13. *P. senio*, ined.

* I was on my way to the printers, with the MS. of these notes in my pocket, when accidentally meeting Mr. Westwood, I learned that the Rev. F. W. Hope was about to publish figures and descriptions of several new species of this genus: I have therefore withdrawn the descriptions I had written, lest my new species should clash with Mr. Hope's.

Genus. DIDYMOCANTHA, Newman.

Caput exsertum, vix pronum; oculi magni, reniformes, antennis fere amplectentes; antennæ corpore manifesto longiores 11-articulatæ; articulus 1^{us} paullo tumidus, 2^{us} minutissimus; 3^{us}, 4^{to} paullo longior, 5^{us}, 3^{ti}o vel 4^{to} paullo longior, cæteri ad apicem præcedentibus longiores, compressi; prothorax capite longior et angustior, lateribus spinis, 2^{us} armatis et inter spinas dente obtuso instructis; elytra prothorace latiora parallela apice rotundata inermia: femora pedetentim vix tumescentia.

Sp. *D. obliqua*. Antennarum articuli 1^{us} et 2^{us} nigri, 3^{us} 4^{us} et 5^{us} lutei apice nigri, cæteri fusci: scutellum albidum: elytra sordide testacea fasciis binis abnormibus nigris. Corp. long. .525 unc., lat. .175 unc.

Exemp. 1. in Mus. D. Children.

Habitat. Nova Hollandia.

Genus. PHLYCTÆNODES, Newman.

Caput exsertum, vix pronum; maxilpalpi mandibulis valde longiores; antennæ 11-articulatæ, articulus 1^{us} paullo tumidus, 2^{us} subglobosus; cæteri longitudine fere æquales, ultimo breviori: prothorax dorso 4-spinosus, spinis 2 anticis acutis paullo retrorsum curvatis; 2 posticis vix acutis nullo modo curvatis; lateribus 1-spinosus; spina mediana, acuta retrorsum curvata: elytra parallela prothorace latiora, apice obtusa inermia: femora pedetentim tumida.

Sp. *P. pustulosa*. Fusco-niger concolor; caput, prothorax et elytra pustulis—basi majoribus apice minutissimis—crebre tecta. (Corp. long. 1.2 unc., lat. .3 unc.)

Exemp. 1. in Mus. D. Children.

Habitat. Nova Hollandia.

Genus. TESSAROMMA, Newman.

Caput exsertum, porrectum; antennæ graciles, corpore vix breviores, 11-articulatæ; articulus 1^{us} pyriformis, basi constrictus, apice tumidus; 2^{us} brevis obconicus; ceteri fere lineares; 3^{us} 2^{do} paullo longior, 5^{us} et sequentes 3^{ti}o paullo longiores: oculi 4, anteriores majores: prothorax capite angustior elongatus, dorso gibber spinis 2, lateribus spina mediana armatus: elytra prothorace quadruplo longiora vix duplo latiora, parallela apice extremo oblique abscissa, femora apice repente tumescentia.

Sp. *T. undatum*. Testaceum, fusco variegatum lanugine serica splendidum; antennæ et pedes testacea: femora et tibiæ fusco cincta (Corp. long. .8 unc., lat. .15 unc.)

Exemp. unic. in Mus. D. Turner.

Habitat. Nova Hollandia. "Exemp. unic. prope Adelaide, sub cortice,

mense Junio lectum; vivens formosissimus coloreque fulgoreque.”
A. H. Davis.

Genus. RHAGIOMORPHA, Newman.

Caput exsertum porrectum; antennæ filiformes longitudine corpus æquantés, 11-articulatæ; articulus 1^{us} elongatus, arcuatus, apice tumidus; 2^{us} minutus; cæteri graciles, longitudine fere æquales: prothorax capite haud latior dorso tuberis 4 fere confluentibus instructus, lateribus medio gibberis in spinam obtusam productis: elytra prothorace latiora linearia apicibus rotundatis: femora manifesto ac pedetentim tumida.

* Species normales.

Sp. 1. *R. Lepturoides*.

Stenocortus Lepturoides, Boisduval, Faune de l'Océanie, p. 479.

Exemp. in Mus. D. Gory, Dupont, et Buquet.

Habitat. Nova Hollandia. Apud Port Jackson lectum.

Sp. 2. *R. concolor*.

Stenoderus concolor, MacLeay. Appendix to King's Voyage, vol. ii. p. 451.

Exemp. unic. in Mus. D. Children. Descriptio vix distincta.

Habitat. Nova Hollandia.

Sp. 3. *R. sordida*. Fusca, lanugine argenteo sparsim vestita; caput inter antennas excavatum, punctum: prothoracis dorsum longitudinaliter impressum: singuli elytri lineæ vix elevatæ 3: femora basi pallidiora. (Corp. long. .5 unc. lat. .1 unc.) antennæ desunt.

Exemp. unic. in Mus. D. Turner.

Habitat. Nova Hollandia. “Exemp. 1. prope Adelaide lectum.” A. H. Davis.

** Species aberrantes.

Sp. 4. *R. oculifera*. Caput exsertum linea longitudinali impressum; antennarum articuli 1 et 2 nigri; 3^{us} hirsutie exteriori rufa ornatus; 4^{us} et sequentes piceï: prothorax lateribus lanugine aurea vestitus: elytra quasi reticulata, 4 carinata, carina prima macula rotunda lanuginosa aurea interrupta est et ante apicem desinet; 2^{us} 1^o longior fere ad apicem desinens; inter 1^{um} et 2^{um} linea aurea, lanuginosa, basalis apparet; 3^{us} ad humerum oritur et longe ante præcedentes desinet; 4^{us} infra humerum oritur et ante apicem 2^o conjungitur: mesosternum utrinque linea lanuginosa argentea signatum. (Corp. long. .7 unc. lat. .1 unc.)

Exemp. 2. in Mus. Brit.

Habitat. Nova Hollandia.

Genus. STENODERUS, Dejean.

Sp. *grammicus*. Pallide ferrugineus: oculi nigri: prothoracis latera fusca: singuli elytri margo suturalis lineæque tres elevatæ albida, linea prima ad marginem suturalem, secunda ad lateralem, in medio tendit. Corp. long. .425 unc., lat. .075 unc.

Exemp. 3. in Mus. D. Turner.

Habitat. Nova Hollandia. “Exemp. 3. prope Adelaide lectum.” A. H. Davis.